

| | | | | |
|--|--|--------------------------|---------------------|----------------------------|
| Patient Name TEST,IMPLEMENTATION TESTING | Patient ID 321 | Age 60 | Gender M | Order # V5951212 |
| Ordering Phys Daffy Duck MD | | DOB 12/07/1950 | | |
| Client Order # V5951212 | Account Information | | Report Notes | |
| Collected 10/26/2011 07:00 | C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901 | | | |
| Printed 10/26/2011 11:19 | | | | |

| Test | Flag | Results | Unit | Reference Value | Perform Site* |
|--|------|---------|------|---------------------------|---------------|
| Bordetella pertussis IgG Antibodies | | | | | |
| PT IgG | | <45 | | REPORTED 10/26/2011 10:26 | |
| FHA IgG | | <90 | | IU/mL | |
| | | | | IU/mL | |

Levels of antibodies recognizing pertussis toxin (PT) and filamentous hemagglutinin (FHA) are typically increased following vaccination or natural exposure to Bordetella pertussis. This assay is not appropriate for assessing immunity to pertussis because the specific antibodies and antibody levels that correlate with protection have not been well defined. The indicated reference range values reflect the 95th percentile of antibody levels from blood donors; thus, antibody levels above the reference range are highly suggestive of recent infection or vaccination. Increased levels of FHA antibodies alone may represent cross-reactive antibodies induced by infection with other Bordetella species, Mycoplasma pneumoniae, Chlamydomphila pneumoniae, or nonencapsulated Haemophilus influenzae.

This assay was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.

Test Performed by: Focus Diagnostics, Inc.
 5785 Corporate Avenue
 Cypress, CA 90630-4750

| Patient Name | Collection Date and Time | Report Status |
|-----------------------------|---------------------------------|----------------------|
| TEST,IMPLEMENTATION TESTING | 10/26/2011 07:00 | Final |
| Page 1 of 1 | ** Reprinted ** | ** End of Report ** |

* Report times for Mayo performed tests are CST/CDT